

## Master of Engineering (Professional) (Electrical and Renewable Energy) – 2020 Mid Year Entry

|                                |   | Teaching Period 2, 2020        |   |
|--------------------------------|---|--------------------------------|---|
|                                | <a href="#">Study Period 2</a>  |                                | <a href="#">EG5220</a> :03 Advanced Asset Management and Reliability                                |
|                                | <a href="#">Study Period 2</a>  | <b>Major Subject</b>           | <a href="#">EE5300</a> :03 Non-Conventional Electronics   |
|                                | <a href="#">Study Period 2</a>  | <b>Major Subject</b>           | <a href="#">EE5500</a> :03 Sustainable Power Generation and Distribution                            |
|                                | <a href="#">Study Period 2</a>  | <b>Major Subject</b>           | <a href="#">EE5510</a> :03 Advanced Electrical Engineering Design                                   |
| Teaching Period 1, 2021        |   | Teaching Period 2, 2021        |   |
| <a href="#">Study Period 1</a> | <a href="#">MA5800</a> :03 Foundation for Data Science  | <a href="#">Study Period 2</a> | <a href="#">LB5205</a> :03 People in Organisations  |
| <a href="#">Study Period 1</a> | <a href="#">EG5200</a> :03 Professional Employability   | <a href="#">Study Period 2</a> | <a href="#">EG5311</a> :03 Research Project 1<br>PREREQ: 18 credit points of subjects in MEng(Prof) |
| <a href="#">Study Period 1</a> | <b>Major Subject</b><br><a href="#">EE5310</a> :03 Power Electronics and Electronics Applications             | <a href="#">Study Period 2</a> | <a href="#">EG5300</a> :06 Engineering Practice<br>PREREQ: EG5200                                   |
| <a href="#">Study Period 1</a> | <b>Major Subject</b><br>Select 1 subject from <a href="#">List 1</a>  |                                |   |
| Teaching Period 1, 2022        |   |                                |   |
| <a href="#">Study Period 1</a> | <a href="#">EG5210</a> :03 Risk Engineering and Systems Safety<br>PREREQ: EG5220                              |                                |   |
| <a href="#">Study Period 1</a> | <a href="#">EG5312</a> :03 Research Project 2<br>PREREQ: EG5311   |                                |   |
| <a href="#">Study Period 1</a> | <b>Major Subject</b><br><a href="#">EE5610</a> :03 Industrial System Automation and Control<br>PREREQ: EE5310 |                                |   |
| <a href="#">Study Period 1</a> | <b>Major Subject</b><br><a href="#">EE5410</a> :03 Renewable System Integration<br>PREREQ: EE5500 and EE5310  |                                |   |

### LIST 1

| College recommendation for elective choice (full elective list available in Handbook <a href="#">List 1</a> ) |  |
|---|--|
| <a href="#">Study Period 1</a>  | <a href="#">CP5634</a> :03 Data Mining                     |
| <a href="#">Study Period 1</a>  | <a href="#">EE3001</a> :03 Signal Processing 2             |
| <a href="#">Study Period 1</a>  | <a href="#">EE4000</a> :03 Signal Processing 3             |
| <a href="#">Study Period 1</a>  | <a href="#">LB5233</a> :03 Innovation and Entrepreneurship |

#### **PROFESSIONAL ACCREDITATION STATUS**

Currently seeking provisional accreditation with Engineers Australia for the Master of Engineering (Professional). Professional accreditation allows graduates to work as a professional engineer in countries that are signatories of the Washington Accord.

#### **ADDITIONAL COMPLETION REQUIREMENTS**

Minimum 60 days industry experience  
Must hold current Apply First Aid certificate at the time of graduation

#### **COURSE INCLUDES MANDATORY PROFESSIONAL PLACEMENT(S)**

60 days of industry experience

#### **ADDITIONAL INFORMATION**

[Master of Engineering \(Professional\) course handbook](#)  
[Electrical and Renewable Energy major handbook](#)